

## CLAIMS:

1. A method for viewing images on a display (100, 110), the method comprising:  
producing a lighting effect to enhance the viewing of the images on the display; and  
automatically adjusting one or more display settings of the display based on the produced lighting effect.
2. The method of claim 1, wherein the display is a television (100, 110) and the lighting effect is produced by a light source (102) integrated in the television.
3. The method of claim 1, wherein the display is a television and the lighting effect is produced by a light source separable (116, 132) from the television.
4. The method of claim 1, wherein the one or more display settings are selected from a group consisting of contrast, hue, saturation, color temperature, and brightness.
5. The method of claim 1, wherein the producing comprises increasing a light intensity and the automatically adjusting comprises automatically adjusting a contrast of the display.
6. A display (100) for viewing images, the display comprising:  
a display portion (104) for rendering the images;  
an integrated light source (102) for producing a lighting effect to enhance the viewing of the images on the display; and  
a processor (118) for automatically adjusting one or more display settings of the display based on the produced lighting effect.
7. The display of claim 6, wherein the display is a television.
8. The display of claim 6, wherein the one or more display settings are selected from a group consisting of contrast, hue, saturation, color temperature, and brightness.

9. The display of claim 6, wherein the integrated light source increases a light intensity and the processor automatically adjusts a contrast of the display portion.

10. A system for viewing images, the system comprising:  
a display (100, 110) for rendering the images on a display portion (104, 112);  
a light source (102, 116, 132) for producing a lighting effect to enhance the viewing of the images on the display; and  
a processor (118, 124, 136) for automatically adjusting one or more display settings of the display based on the produced lighting effect.

11. The system of claim 10, wherein the display is a television and the light source (102) is integrated in the television.

12. The system of claim 11, wherein the processor is integral (118) with the television.

13. The system of claim 10, wherein the display is a television and the light source (116, 132) is separable from the television.

14. The system of claim 13, wherein the processor (124, 136) is separable from the television.

15. The system of claim 14, wherein the light source and processor are contained in a set-top box (114) operatively connected to the television.

16. The system of claim 10, wherein the one or more display settings are selected from a group consisting of contrast, hue, saturation, color temperature, and brightness.

17. The system of claim 10, wherein the light source increases a light intensity and the processor automatically adjusts a contrast of the display portion.

18. A set-top box (114) for use with a television, the set-top box comprising:  
a light source (116, 132) for producing a lighting effect to enhance viewing of images on the television; and

a processor (124) operatively connected to the light source and television for automatically adjusting one or more display settings of the television based on the produced lighting effect.

19. The set-top box of claim 18, wherein the light source (102) is integral with the set-top box.

20. A computer program product embodied in a computer-readable medium for viewing images on a display (100, 110), the computer program product comprising:

computer readable program code means for producing a lighting effect to enhance the viewing of the images on the display; and

computer readable program code means for automatically adjusting one or more display settings of the display based on the produced lighting effect.

21. A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for viewing images on a display (100, 110), the method comprising:

producing a lighting effect to enhance the viewing of the images on the display; and

automatically adjusting one or more display settings of the display based on the produced lighting effect.